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THE MOSENERGO SYSTEM OF THE MINISTRY OF POWER PLANTS

The greatest power system of the Ministry of Power Plants--the Mosenergo, directed by M. Ya. Ufayev--has won first place in All-Union Socialist Competition.

On 3 April 1948 the temporary Red Banner of the Soviet of Ministers USSR and the All-Union Central Council of Trade Unions was given to the Mosenergo system for successes achieved in the field of technical and economic indexes.

The Mosenergo system won this great victory as a result of its intensive struggle to improve operational indexes in every plant, in every section of production based on the development of socialist competition.

By 1947 the Mosenergo system had a considerable increase in its fuel economy.

Thus, for example, GRES No 4 saved 10,500 tons of ideal fuel, GRES No 1 saved 8,400 tons, and the TETs No 12 saved 3,300 tons.

The successes of the Mosenergo plant in 1947 in fuel economy were obtained through the unselfish work of the collective. Thus, for example, K. A. Privezentseva, stoker at GRES No 1 worked at three boilers for a year without accident and saved 780 tons of ideal fuel. At GRES No 3 S. A. Berednikov, Chief of the boiler shop, ensured operation of the equipment without accident and execution of the assigned production plan, saving 1,234 tons of fuel and 296,000 kilowatt-hours of power. He saw to timely and proper maintenance of the equipment. At GRES No 4 Chief T. P. Savel'ev worked for a year without waste or accident, saving 2,900 tons of Podmoscow coal and 216,000 kilowatt-hours of electric power. F. A. Panfilov, turbine machinist, worked for a year without accident and saved 660 tons of Moscow Basin coal and 23,000 kilowatt-hours of power.

During 1947, in a period of capital repairs, a great many power systems carried out partial reconstruction of their plants.

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Thus, at GRES No 4 the air preheater was replaced and a water economizer was installed for the boiler. At TETs No 6, the Kablits system air preheater was replaced by a tubular system and a water economizer was installed. At TETs No 11 the water economizer was rebuilt with a 30-percent increase in the heating surface, suction air eliminated, etc. Repairs were made and new boilers put in operation at GES No 10 and TETs No 11, and various organizational and technical measures were executed in other power plants of the system.

The improvement in the use of fuel in the Mosenergo plants was due mainly to an increase in boiler efficiency as a result of repair work on furnace equipment, strict adherence to the assigned parameters--pressure, temperature of steam, super heating, etc.--and daily control of fuel, heat, and power losses.

In 1947 there was a considerable improvement in this system in the use of district heating plants and in their fuel-supply conditions.

All this made it possible for the Mosenergo system, in the first quarter of 1948, to save about 10 million kilowatt-hours on its own requirements and 23,500 tons of ideal fuel. Of this amount, GES No 1 saved 5,060 tons, GRES No 4, 1,300 tons, GRES No 10, 3,920 tons, etc.

During the first quarter of 1948 in the Mosenergo system, specific fuel consumption per kilowatt-hour generated dropped to 0.520 kilograms, compared to 0.531 kilograms in the Plan and the actual consumption for the first quarter of 1947 which was 0.535 kilograms.

Good indexes in reducing specific fuel consumption for the generation of power in the first quarter of 1948 were obtained by GRES No 4 (0.495 kilograms, with a consumption of 0.507 kilograms for the first quarter of 1947), and TETs No 9 (0.390 kilograms with a consumption of 0.415 in the first quarter of 1947).

At the presentation of the above-mentioned awards, the Mosenergo workers were greeted by Minister D. G. Zhimerin, L. V. Mityagin, President, Central Committee of Trade Unions, and B. N. Chernousov, Secretary, Moscow Committee of the Communist Party of the Soviet Union, who called upon them to achieve new successes, and hoped that they would long hold their well-earned supremacy in the Socialist Competition.

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